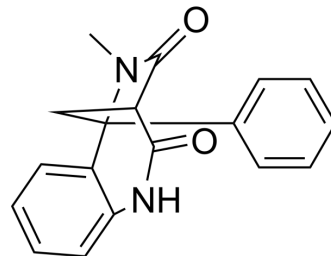


BA 41899

Cat. No.:	HY-120577
CAS No.:	166020-57-1
Molecular Formula:	C ₁₈ H ₁₆ N ₂ O ₂
Molecular Weight:	292.33
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BA 41899 is a purely calcium-sensitizing agent. BA 41899 is completely devoid of phosphodiesterase (PDE) III inhibitory activity or any other known inotropic mechanism. BA 41899 can be used for the research of cardiovascular diseases, such as congestive heart failure (CHF) ^[1] .
In Vitro	BA 41899 (compound 6) exhibits a pharmacological in vitro profile comprising Ca ²⁺ -sensitizing, positive inotropic, and negative chronotropic effects ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Herold, P et al. 5-Methyl-6-phenyl-1,3,5,6-tetrahydro-3,6-methano-1,5-benzodiazocine-2,4-dione (BA 41899): representative of a novel class of purely calcium-sensitizing agents. Journal of medicinal chemistry vol. 38,15 (1995): 2946-54.

Caution: Product has not been fully validated for medical applications. For research use only.

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